

01-20-24

JAN 16 2004

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Please type a plus sign (+) inside this box → ☒PTO/SB/21 (6-98)  
Approved for use through 09/30/2000. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application Number

10/734,999

Filing Date

December 12, 2003

First Named Inventor

Eugene Marsh

Group Art Unit

Unknown

Examiner Name

Unknown

Total Number of Pages in This Submission

Attorney Docket Number

MI22-2461

**ENCLOSURES (check all that apply)**

- ☒ Fee Transmittal Form
- ☒ Fee Attached
- ☒ Supplemental Preliminary  
Amendment ~~to response~~
- ☐ After Final
- ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/  
Incomplete Application
- ☐ Response to Missing  
Parts under 37 CFR  
1.52 or 1.53

- ☐ Assignment Papers  
(for an Application)
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition Routing Slip (PTO/SB/69)  
and Accompanying Petition
- ☐ Petition to Convert to a  
Provisional Application
- ☐ Power of Attorney, Revocation  
Change of Correspondence  
Address
- ☐ Terminal Disclaimer
- ☐ Small Entity Statement
- ☐ Request for Refund

- ☐ After Allowance Communication  
to Group
- ☐ Appeal Communication to Board  
of Appeals and Interferences
- ☐ Appeal Communication to Group  
(Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Additional Enclosure(s)  
(please identify below):

Return Receipt Postcard;  
Check for \$194.00

Remarks

Customer No. 021567.

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**Firm  
or  
Individual nameMark S. Matkin, Reg. No. 32,268  
Wells St. John P.S.

Signature

Date

**CERTIFICATE OF MAILING**I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: 

Typed or printed name

Signature

Date

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

JAN 16 2004

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PTO/SB/17 (12/99)

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**FEE TRANSMITTAL****for FY 2004**

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. §§ 1.27 and 1.28.

**TOTAL AMOUNT OF PAYMENT (\$194.00)****Complete if Known**

Application Number	10/734,999
Filing Date	December 12, 2003
First Named Inventor	Eugene Marsh
Examiner Name	Unknown
Group / Art Unit	Unknown
Attorney Docket No.	MI22-2461

**METHOD OF PAYMENT (check one)**

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **23-0925**Deposit Account Name **Wells St. John P.S.**
☒ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

2. ☒ Payment Enclosed:

☒ Check ☐ Money Order ☐ Other
**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid
101	201	345	Utility filing fee	0.00
106	206	155	Design filing fee	
107	207	240	Plant filing fee	
108	208	345	Reissue filing fee	
114	214	75	Provisional filing fee	

**SUBTOTAL (1) (\$0.00)****2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
N/A	20** = 6	18	108
N/A	3** = 1	86	86
Multiple Dependent			0

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Code	Small Entity Code	Fee (\$)	Fee Description
103	203	9	Claims in excess of 20
102	202	39	Independent claims in excess of 3
104	204	130	Multiple dependent claim, if not paid
109	209	39	** Reissue independent claims over original patent
110	210	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) (\$194.00)****FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid
105	130	65	Surcharge - late filing fee or oath	0.00
127	50	25	Surcharge - late provisional filing fee or cover sheet.	0.00
139	130	130	Non-English specification	0.00
147	2,520	2,520	For filing a request for reexamination	0.00
112	920*	920*	Requesting publication of SIR prior to Examiner action	0.00
113	1,840*	1,840*	Requesting publication of SIR after Examiner action	0.00
115	110	55	Extension for reply within first month	0.00
116	380	190	Extension for reply within second month	0.00
117	870	435	Extension for reply within third month	0.00
118	1,360	680	Extension for reply within fourth month	0.00
128	1,850	925	Extension for reply within fifth month	0.00
119	300	150	Notice of Appeal	0.00
120	300	150	Filing a brief in support of an appeal	0.00
121	260	130	Request for oral hearing	0.00
138	1,510	1,510	Petition to institute a public use proceeding	0.00
140	110	55	Petition to revive - unavoidable	0.00
141	1,210	605	Petition to revive - unintentional	0.00
142	1,210	605	Utility issue fee (or reissue)	0.00
143	430	215	Design issue fee	0.00
144	580	290	Plant issue fee	0.00
122	130	130	Petitions to the Commissioner	0.00
123	50	50	Petitions related to provisional applications	0.00
126	240	240	Submission of Information Disclosure Stmt	0.00
581	40	40	Recording each patent assignment per property (times number of properties)	0.00
146	690	345	Filing a submission after final rejection (37 CFR § 1.129(a))	0.00
149	690	345	For each additional invention to be examined (37 CFR § 1.129(b))	0.00
Other fee (specify)				0.00
Other fee (specify)				0.00

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$0.00)****SUBMITTED BY**Name (Print/Type) **Mark S. Matkin**Registration No. (Attorney/Agent) **32,268****Complete (if applicable)**Telephone **509-624-4276**

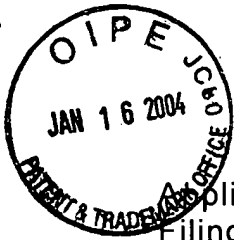
Signature

Date

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No. .... 10/734,999  
 Filing Date ..... December 12, 2003  
 Inventor ..... Eugene Marsh et al.  
 Assignee ..... Micron Technology, Inc.  
 Group Art Unit ..... Unknown  
 Examiner ..... Unknown  
 Attorney's Docket No. .... MI22-2461  
 Title: Deposition Methods With Time Spaced and Time Abutting Precursor  
 Pulses (as Amended)

**SUPPLEMENTAL PRELIMINARY AMENDMENT**

To: Commissioner for Patents  
 P. O. Box 1450  
 Alexandria, VA 22313-1450

**VIA EXPRESS MAIL**

From: Mark S. Matkin (Tel. 509-624-4276; Fax 509-838-3424)  
 Wells St. John P.S.  
 601 West First Avenue, Suite 1300  
 Spokane, WA 99201-3828

Please enter the following amendments prior to examining the above-identified application.

**AMENDMENTS**

01/22/2004 3DIRETA1 00000014 10734999

01 FC:1202 108.00 DP  
 02 FC:1201 86.00 DP